Abstract

COLOUR CLAMPING

Disclosed is a method and apparatus for clamping the output values of filtered image data comprising a mapping of discrete sample values are disclosed. For each discrete sample value of the mapping a maximum sample value and a minimum sample value of a plurality of input discrete samples values used to calculate the discrete sample value, is determined. The output value of the discrete sample value is clamped to the domain of the plurality of input discrete sample values utilising the maximum sample value and the minimum sample value, wherein the output value is dependent on a plurality of attributes of the plurality of input discrete sample values.

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